What is claimed is:

1. An electrophotographic, positively charged toner comprising a core toner, spherified through heat treatment, including a binder resin, a

wax, a colorant and a charge control agent as principal component materials, the

5 charge control agent containing

a resin having a quaternary ammonium salt group as a functional group, and

a nigrosine dye; and

at least fine silica particles as an external additive.

- 2. The toner according to claim 1, wherein the colorant includes per 100 parts by weight of the binder resin, 3 to 6 parts by weight of carbon black exhibiting a pH of at least 8.0.
 - 3. The toner according to claim 1, wherein the charge control agent contains2 to 10 parts by weight of the resin having a quaternary ammonium salt
- 15 group as a functional group, and

20

- 0.5 to 5 parts by weight of the nigrosine dye per 100 parts by weight of the binder resin.
- 4. The toner according to claim 3, wherein the resin having a quaternary ammonium salt group as a functional group has as a principal component a styrene-acrylic copolymer resin, the styrene-acrylic copolymer resin containing a repeat unit represented by the following formula (1)

[Formula 1],

5

10

15

20

$$C - CH_2$$
 (1)

and a repeat unit represented by the following formula (2)

[Formula 2],

where, in the formulae (1) and (2), R¹ and R² represent a hydrogen atom or a methyl group, R³ represents an alkylene group, and R⁴, R⁵ and R⁶ each represents an alkyl group;

the styrene-acrylic copolymer resin including 65 to 97 wt% of the repeat unit represented by the formula (1) and 35 to 3 wt% of the repeat unit represented by the formula (2), and having a weight average molecular weight in a range of 2,000 to

10,000.

5

10

15

- 5. The toner according to claim 3, wherein the binder resin has a styrene-acrylic copolymer resin as a principal component.
- 6. The toner according to claim 4, wherein the colorant includes per 100 parts by weight of the binder resin, 3 to 6 parts by weight of carbon black exhibiting a pH of at least 8.0.
- 7. The toner according to claim 3, wherein the colorant includes per 100 parts by weight of the binder resin, 3 to 6 parts by weight of carbon black exhibiting a pH of at least 8.0.
- 8. The toner according to claim 1, wherein the resin having a quaternary ammonium salt group as a functional group has as a principal component a styrene-acrylic copolymer resin, the styrene-acrylic copolymer resin containing a repeat unit represented by the following formula (1):

[Formula 1],

$$C - CH_2 - CH_2$$

20

and a repeat unit represented by the following formula (2):

[Formula 2]

5

10

15

20

where, in the formulae (1) and (2), R¹ and R² represent a hydrogen atom or a methyl group, R³ represents an alkylene group, and R⁴, R⁵ and R⁶ each represents an alkyl group;

the styrene-acrylic copolymer resin including 65 to 97 wt% of the repeat unit represented by the formula (1) and 35 to 3 wt% of the repeat unit represented by the formula (2), and having a weight average molecular weight in a range of 2,000 to 10,000.

- 9. The toner according to claim 8, wherein the binder resin has a styrene-acrylic copolymer resin as a principal component.
- 10. The toner according to claim 9, wherein the colorant includes per 100 parts by weight of the binder resin, 3 to 6 parts by weight of carbon black exhibiting a pH of at least 8.0.

- 11. The toner according to claim 8, wherein the colorant includes per 100 parts by weight of the binder resin, 3 to 6 parts by weight of carbon black exhibiting a pH of at least 8.0.
- 12. The toner according to claim 1, wherein the binder resin has a
 styrene-acrylic copolymer resin as a principal component.
 - 13. The toner according to claim 12, wherein the colorant includes per 100 parts by weight of the binder resin, 3 to 6 parts by weight of carbon black exhibiting a pH of at least 8.0.
 - 14. A method of manufacturing an electrophotographic positively charging toner, the method comprising the steps of:

10

15

20

mixing/agitating a binder resin, a wax, a colorant and a charge control agent as principal component materials,

hot melt-kneading and pulverizing the mixed/agitated binder resin, a wax, a colorant and a charge control agent, and classifying the kneaded material obtained to produce a core toner, and

spherifying the core toner through hot air blast treatment, and then mixing in at least silica fine particles as an external additive.

- 15. The method of claim 14, wherein the charge control agent contains2 to 10 parts by weight of the resin having a quaternary ammonium saltgroup as a functional group, and
 - 0.5 to 5 parts by weight of the nigrosine dye per 100 parts by weight of the binder resin.
 - 16. The method of claim 14, wherein the resin has a quaternary ammonium

salt group as a functional group has as a principal component a styrene-acrylic copolymer resin, the styrene-acrylic copolymer resin containing

a repeat unit represented by the following formula (1):

[Formula 1],

5

$$-C$$
 $-CH_2$ (1)

10

and a repeat unit represented by the following formula (2):

[Formula 2]

20

where, in the formulae (1) and (2), R¹ and R² represent a hydrogen atom or a methyl group, R³ represents an alkylene group, and R⁴, R⁵ and R⁶ each represents

an alkyl group;

5

10

15

the styrene-acrylic copolymer resin including 65 to 97 wt% of the repeat unit represented by the formula (1) and 35 to 3 wt% of the repeat unit represented by the formula (2), and having a weight average molecular weight in a range of 2,000 to 10,000.

- 17. The method of claim 14, wherein the binder resin has a styrene-acrylic copolymer resin as a principal component.
- 18. The method of claim 15, wherein the binder resin has a styrene-acrylic copolymer resin as a principal component.
- 19. The method of claim 14, wherein the colorant includes per 100 parts by weight of the binder resin, 3 to 6 parts by weight of carbon black exhibiting a pH of at least 8.0.
- 20. The method of claim 15, wherein the colorant includes per 100 parts by weight of the binder resin, 3 to 6 parts by weight of carbon black exhibiting a pH of at least 8.0.
- 21. The method of claim 16, wherein the colorant includes per 100 parts by weight of the binder resin, 3 to 6 parts by weight of carbon black exhibiting a pH of at least 8.0.
- 22. The method of claim 15, wherein the resin has a quaternary ammonium

 salt group as a functional group has as a principal component a styrene-acrylic copolymer resin, the styrene-acrylic copolymer resin containing

a repeat unit represented by the following formula (1) [Formula 1],

$$C - CH_2$$
 (1)

and a repeat unit represented by the following formula (2)

[Formula 2],

5

10

15

wherein, in the formulae (1) and (2), R¹ and R² represent a hydrogen atom or a methyl group, R³ represents an alkylene group, and R⁴, R⁵ and R⁶ each represents an alkyl group;

the styrene-acrylic copolymer resin including 65 to 97 wt% of the repeat unit

represented by the formula (1) and 35 to 3 wt% of the repeat unit represented by the formula (2), and having a weight average molecular weight in a range of 2,000 to 10,000;

the colorant including per 100 parts by weight of the binder resin, 3 to 6 parts

by weight of carbon black exhibiting a pH of at least 8.0.